

Easy Fuel

Filter Bleeding

WHAT A MESSY, TIME-CONSUMING JOB THIS IS!

SGT JERRY OSTERHOLT'S FIGURED OUT A WAY TO BLEED THOSE FUEL FILTERS QUICK AND CLEAN. HE WROTE US A LETTER...

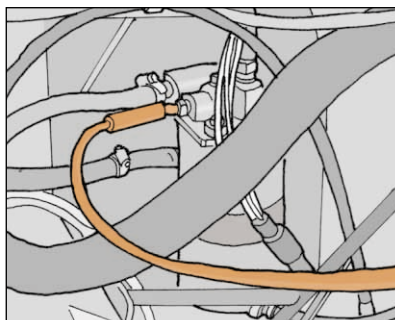
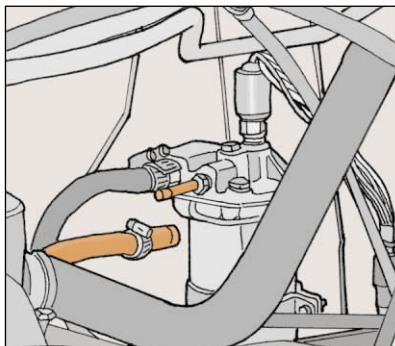
Dear Editor,

Bleeding the fuel filter on a HMMWV is a messy, time-consuming job. I've come up with a simple method that's clean and quick. It uses the AOAP vampire pump, plastic tubing and sample bottle and a 2-inch section of 1/4-in rubber hose.

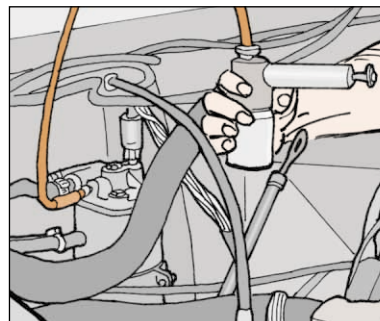
Here's how to remove air from the system and not put any fuel on the ground:

★ Once the new filter element is installed, do not fill the canister with fuel. Instead, install the filter head and all hoses to the filter except the fuel outlet hose to the engine.

★ Put together the vampire pump, NSN 4930-01-119-4030; tubing, NSN 4720-00-964-1433, and the piece of 1/4-in rubber hose. Attach the assembly to the filter outlet line by pushing the rubber hose over the outlet.



★ Use the vampire pump to pull fuel from the vehicle tank into the filter. Once the filter is full, fuel will enter the sample bottle. Stop pumping when fuel enters the bottle.



★ Remove the piece of rubber hose from the outlet line, replace the outlet line to the engine and tighten the clamp.

★ Pour the fuel in the sample bottle back into the tank so that there's no hazardous material to dispose of—and no mess on the ground!

This method saves grinding on the starter to pump the air out of the system that is required in Para 3-32 of TM 9-2320-280-20-2. It also can be done by one mechanic!

SGT Jerry Osterholt
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From the desk
of the *Editor*

IT'S CLEAN, IT'S QUICK AND IT USES COMMON ITEMS.

WHAT ELSE COULD YOU WANT IN A GREAT IDEA! THANKS, SERGEANT.

